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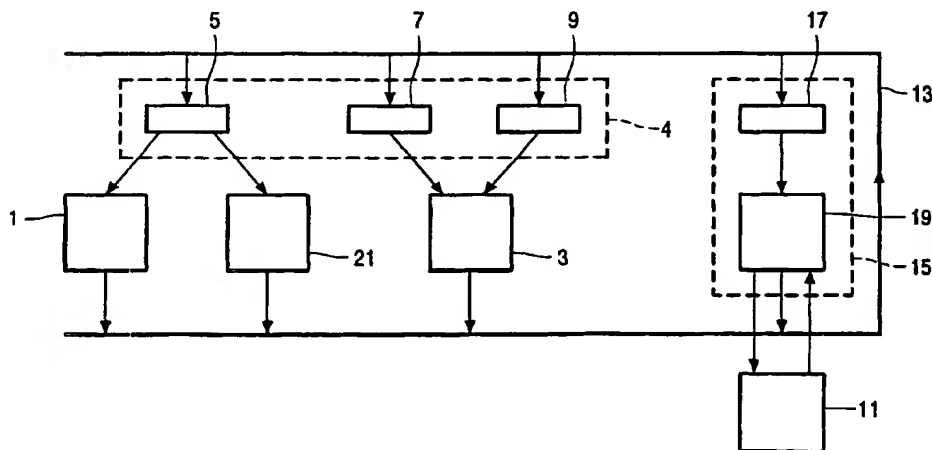
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- (71) Applicant (*for all designated States except US*): KONINKLIJKE PHILIPS ELECTRONICS N.V. [NL/NL]; Groenewoudseweg 1, NL-5621 BA Eindhoven (NL).
- (72) Inventors; and (75) Inventors/Applicants (*for US only*): DE VRIES, Tromp, J. [NL/NL]; c/o Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL). BEKOOIJ, Marco, J., G. [NL/NL]; c/o Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL). AUGUSTEIJN, Alexander [NL/NL]; c/o Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL). VAN GAGELDONK, Johan, S., H. [NL/NL]; c/o Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).
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(54) Title: VLIW PROCESSOR WITH DATA SPILLING MEANS



(57) Abstract: A VLIW processor comprising: a plurality of functional units (1, 3); a distributed register file (4) comprising a plurality of segments (5, 7, 9), the distributed register file (4) being accessible by the functional units (1, 3); a communication unit (11) for communication with a memory; a communication network (13) for coupling the functional units (1, 3) and the distributed register file (4); characterized in that the VLIW processor further comprises a spilling device (15) for transferring data between the distributed register file (4) and the communication unit (11).

WO 03/088037 A1